FIG.1

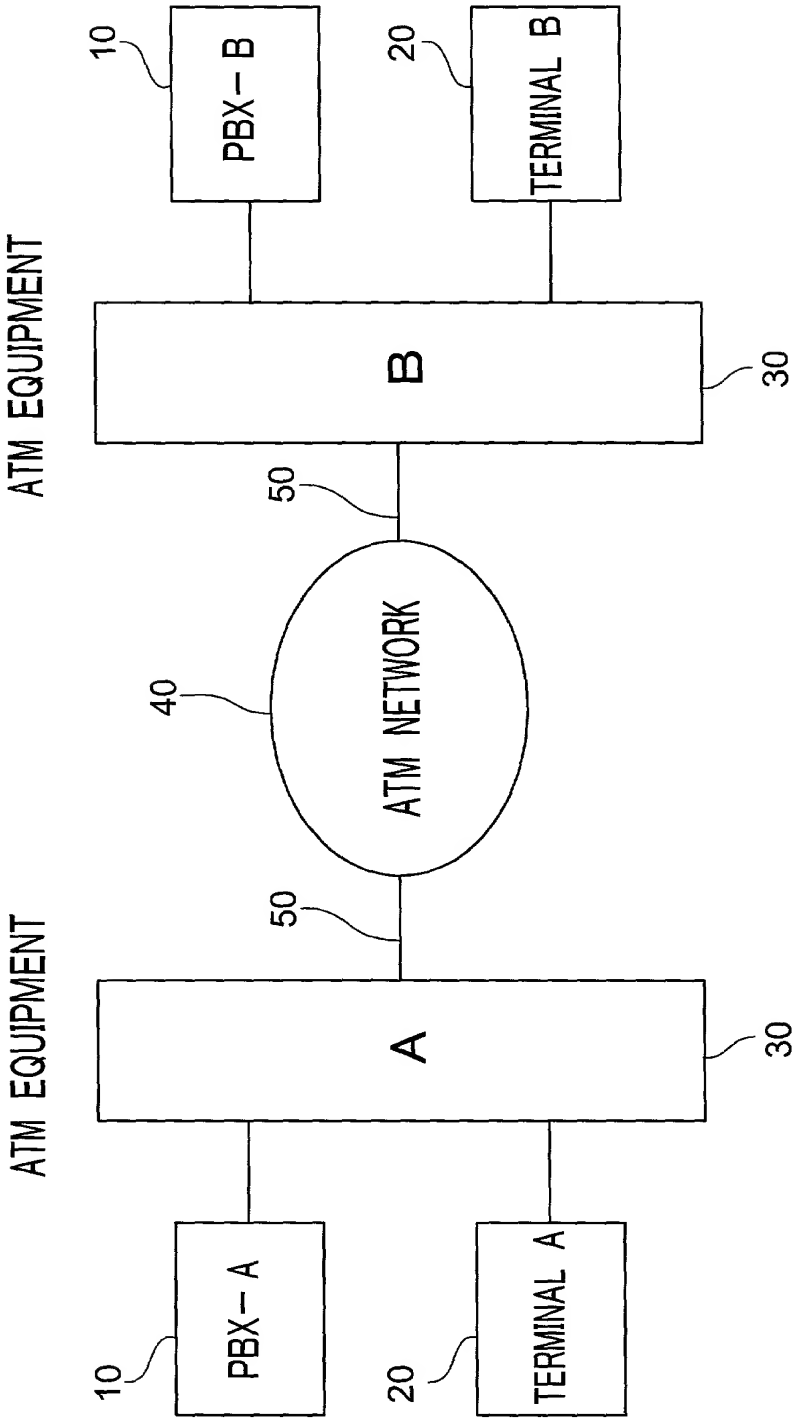
PBX – B
TERMINAL B
ATM EQUIPMENT
B
ATM NETWORK
ATM EQUIPMENT
A
PBX – A
TERMINAL A
10
20
30
40
50

FIG.2

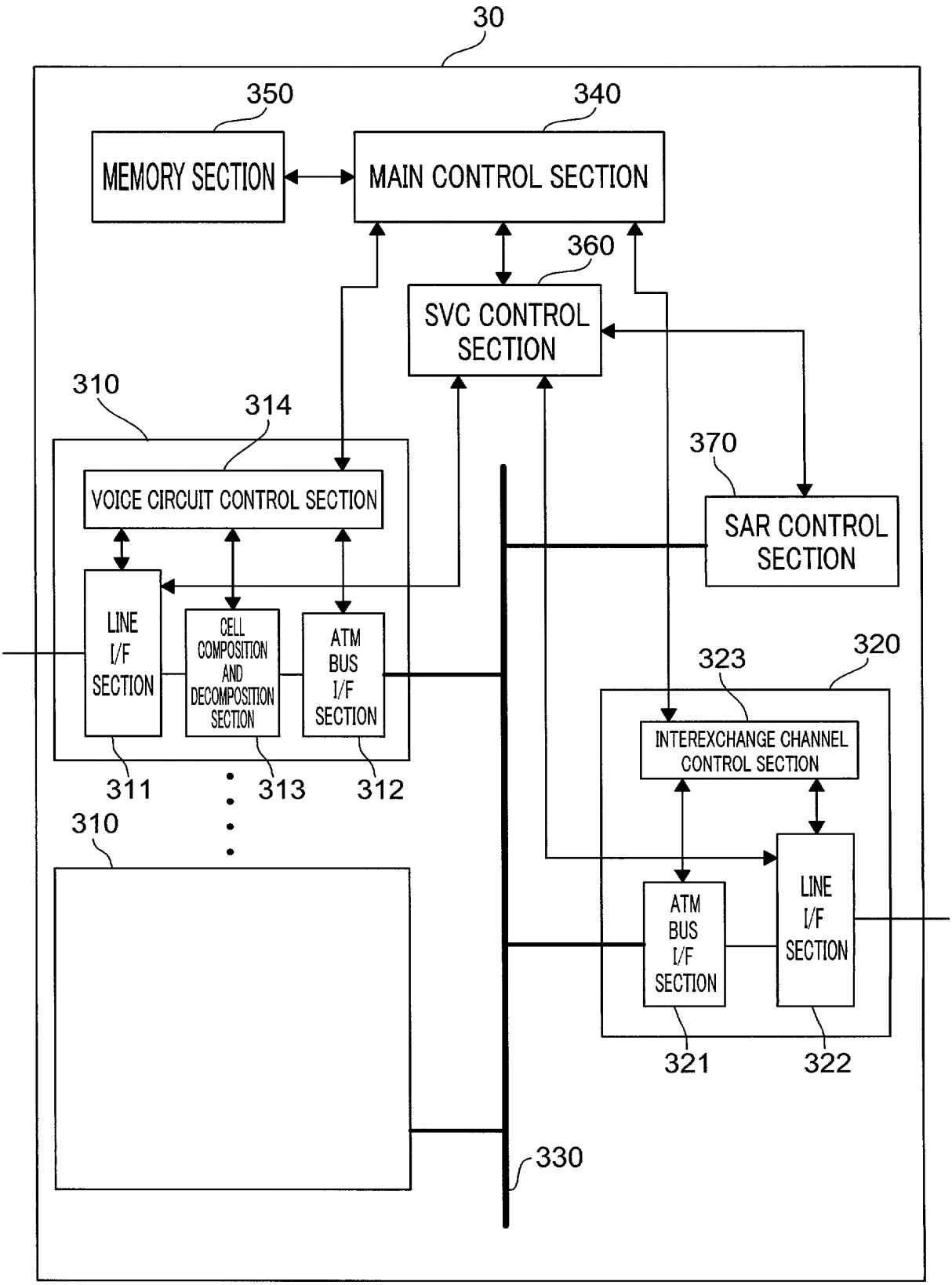
30
350
340
MEMORY SECTION
MAIN CONTROL SECTION
360
SVC CONTROL SECTION
310
314
370
VOICE CIRCUIT CONTROL SECTION
SAR CONTROL SECTION
LINE I/F SECTION
CELL COMPOSITION AND DECOMPOSITION SECTION
ATM BUS I/F SECTION
323
320
INTEREXCHANGE CHANNEL CONTROL SECTION
311
313
312
310
ATM BUS I/F SECTION
LINE I/F SECTION
321
322
330

FIG.3

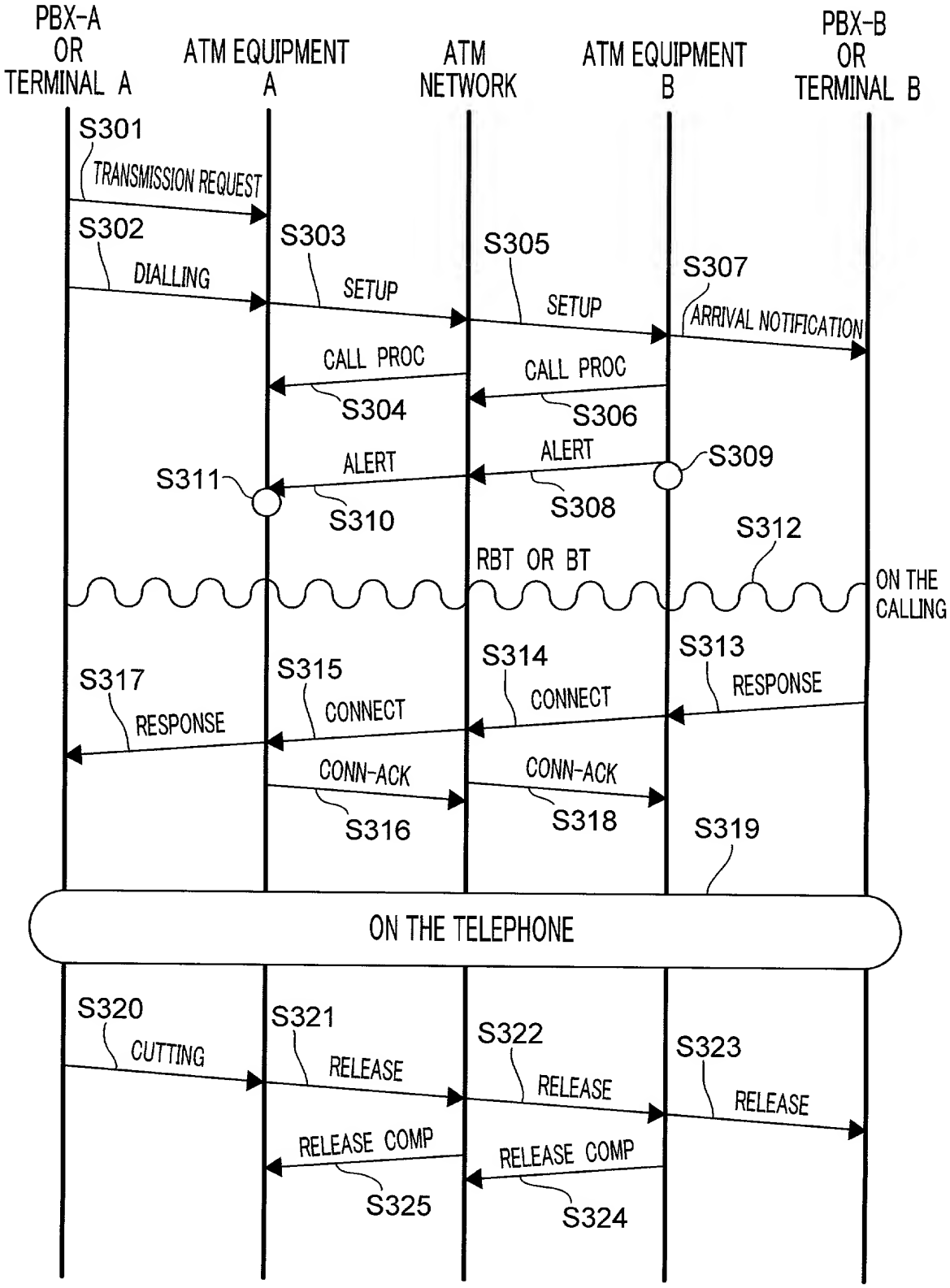
PBX-A OR TERMINAL A
ATM EQUIPMENT A
ATM NETWORK
ATM EQUIPMENT B
PBX-B OR TERMINAL B
S301
TRANSMISSION REQUEST
S302
DIALLING
S303
SETUP
S305
SETUP
S307
ARRIVAL NOTIFICATION
CALL PROC
S304
CALL PROC
S306
ALERT
S311
S310
ALERT
S308
S309
S312
RBT OR BT
ON THE CALLING
S317
RESPONSE
S315
CONNECT
S314
CONNECT
S313
RESPONSE
CONN-ACK
S316
CONN-ACK
S318
S319
ON THE TELEPHONE
S320
CUTTING
S321
RELEASE
S322
RELEASE
S323
RELEASE
RELEASE COMP
S325
RELEASE COMP
S324

FIG.4

(1) SETUP

PROTOCOL IDENTIFIER
CALL NUMBER
MESSAGE DESCRIPTION
MESSAGE LENGTH
AAL PARAMETER
AAL TRAFFIC DESCRIPTOR
BROADBAND TRANSMISSION CAPABILITY
ARRIVAL NUMBER
ARRIVAL SUBADDRESS
CONNECTION IDENTIFIER
QOS PARAMETER

(2) CALLPROC

PROTOCOL IDENTIFIER
CALL NUMBER
MESSAGE DESCRIPTION
MESSAGE LENGTH
CONNECTION IDENTIFIER

(3) ALERT

PROTOCOL IDENTIFIER
CALL NUMBER
MESSAGE DESCRIPTION
MESSAGE LENGTH
CONNECTION IDENTIFIER
ELAPSE IDENTIFIER

FOR 20-8805/2/50

FIG.5

(1) CONNECT

PROTOCOL IDENTIFIER
CALL NUMBER
MESSAGE DESCRIPTION
MESSAGE LENGTH
CONNECTION IDENTIFIER

(2) CONN-ACK

PROTOCOL IDENTIFIER
CALL NUMBER
MESSAGE DESCRIPTION
MESSAGE LENGTH

(3) RELEASE

PROTOCOL IDENTIFIER
CALL NUMBER
MESSAGE DESCRIPTION
MESSAGE LENGTH
REASON DISPLAY

(4) RELEASE-COMP

PROTOCOL IDENTIFIER
CALL NUMBER
MESSAGE DESCRIPTION
MESSAGE LENGTH
REASON DISPLAY

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